

Andrew Freistein 10/682,496

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptabfl626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
IPC reform
NEWS 4 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 5 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 6 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 7 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 8 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 9 JAN 30 Saved answer limit increased
NEWS 10 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA
NEWS 11 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 12 FEB 22 Status of current WO (PCT) information on STN
NEWS 13 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 14 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 15 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 16 FEB 28 MEDLINE/LMEDLINE reload improves functionality
NEWS 17 FEB 28 TOXCENTER reloaded with enhancements
NEWS 18 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral
property data
NEWS 19 MAR 01 INSPEC reloaded and enhanced
NEWS 20 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 21 MAR 08 X.25 communication option no longer available after June 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may

Andrew Freistein 10/682,496

result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:41:45 ON 21 MAR 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:42:02 ON 21 MAR 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 MAR 2006 HIGHEST RN 877371-73-8

DICTIONARY FILE UPDATES: 20 MAR 2006 HIGHEST RN 877371-73-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

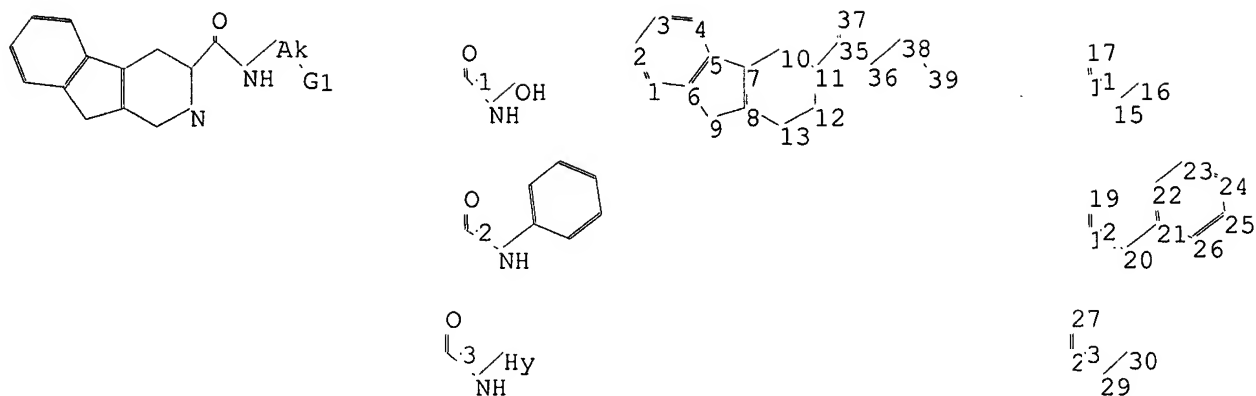
Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10682496\2AOM\a.str



```

chain nodes :
14 15 16 17 18 19 20 27 28 29 30 35 36 37 38 39
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 21 22 23 24 25 26
chain bonds :
11-35 14-17 14-15 15-16 18-19 18-20 20-21 27-28 28-29 29-30 35-36 35-37
36-38 38-39
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13
21-22 21-26 22-23 23-24 24-25 25-26
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13 14-17 14-15 18-19 18-20
20-21 27-28 28-29 29-30 35-36 35-37 36-38 38-39
exact bonds :
11-35 15-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 21-22 21-26 22-23 23-24 24-25 25-26

```

G1:[*1],[*2],[*3]

```

Connectivity :
38:2 M minimum RC ring/chain
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS
28:CLASS 29:CLASS 30:Atom 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS
Generic attributes :
38:
Type of chain          : Linear
Saturation             : Saturated
Number of Carbon Atoms : less than 7

```

Andrew Freistein 10/682,496

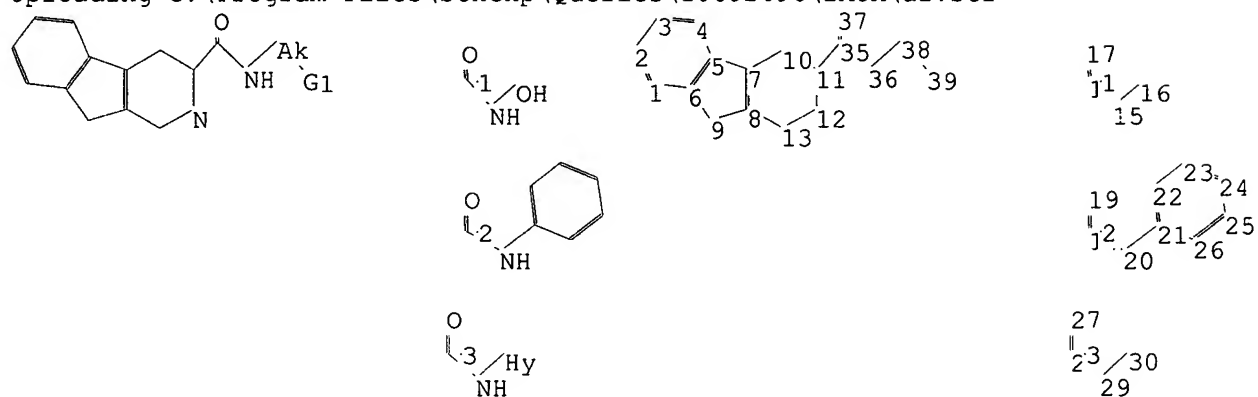
Element Count :
Node 30: Limited
N,N1
S,S1
C,C3

Node 38: Limited
C,C6

L1 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10682496\2AOM\A2.str



chain nodes :
14 15 16 17 18 19 20 27 28 29 30 35 36 37 38 39
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 21 22 23 24 25 26
chain bonds :
11-35 14-17 14-15 15-16 18-19 18-20 20-21 27-28 28-29 29-30 35-36 35-37
36-38 38-39
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13
21-22 21-26 22-23 23-24 24-25 25-26
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13 14-17 14-15 18-19 18-20
20-21 27-28 28-29 29-30 35-36 35-37 36-38 38-39
exact bonds :
11-35 15-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 21-22 21-26 22-23 23-24 24-25 25-26

Andrew Freistein 10/682,496

G1:[*1],[*2],[*3]

Connectivity :

38:2 M minimum RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS
28:CLASS 29:CLASS 30:Atom 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS

Generic attributes :

38:

Type of chain : Linear

Saturation : Saturated

Element Count :

Node 30: Limited

N,N1

S,S1

C,C3

L2 STRUCTURE UPLOADED

=> d

L2 HAS NO ANSWERS

L2 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 09:43:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1358 TO ITERATE

100.0% PROCESSED 1358 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 24950 TO 29370

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 09:43:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 27833 TO ITERATE

100.0% PROCESSED 27833 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.02

L4 0 SEA SSS FUL L1

Andrew Freistein 10/682,496

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

167.38

167.59

STN INTERNATIONAL LOGOFF AT 09:43:31 ON 21 MAR 2006

Andrew Freistein 10/682,496

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptabf1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 21 IPC search and display fields enhanced in CA/CaPlus with the
IPC reform
NEWS 4 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 5 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 6 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 7 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 8 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 9 JAN 30 Saved answer limit increased
NEWS 10 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA
NEWS 11 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 12 FEB 22 Status of current WO (PCT) information on STN
NEWS 13 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 14 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 15 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 16 FEB 28 MEDLINE/LMEDLINE reload improves functionality
NEWS 17 FEB 28 TOXCENTER reloaded with enhancements
NEWS 18 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral
property data
NEWS 19 MAR 01 INSPEC reloaded and enhanced
NEWS 20 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 21 MAR 08 X.25 communication option no longer available after June 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may

Andrew Freistein 10/682,496

result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:57:00 ON 21 MAR 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:57:07 ON 21 MAR 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 MAR 2006 HIGHEST RN 877371-73-8

DICTIONARY FILE UPDATES: 20 MAR 2006 HIGHEST RN 877371-73-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

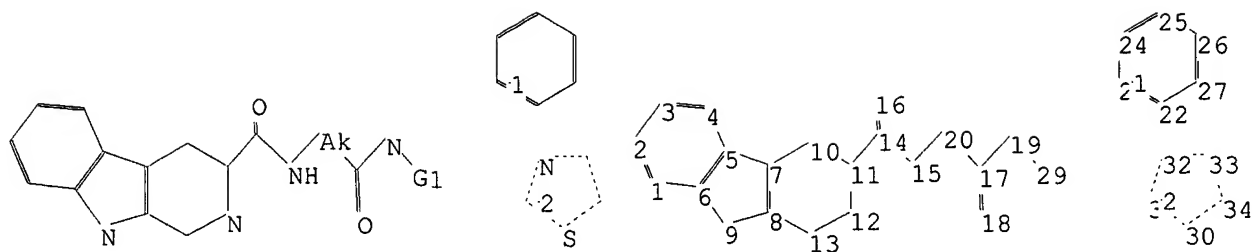
Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10682496\2AOM\c.str



```

chain nodes :
14 15 16 17 18 19 20 29
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 22 23 24 25 26 27 30 31 32 33
34
chain bonds :
11-14 14-15 14-16 15-20 17-19 17-18 17-20 19-29
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13
22-23 22-27 23-24 24-25 25-26 26-27 30-31 30-34 31-32 32-33 33-34
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13 14-15 14-16 15-20 17-19
17-18 17-20 19-29 30-31 30-34 31-32 32-33 33-34
exact bonds :
11-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 22-23 22-27 23-24 24-25 25-26 26-27

```

G1:OH, [*1], [*2]

```

Connectivity :
20:2 M minimum RC ring/chain
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 29:CLASS
30:Atom 31:Atom 32:Atom 33:Atom 34:Atom
Generic attributes :
20:
Type of chain      : Linear
Saturation         : Saturated

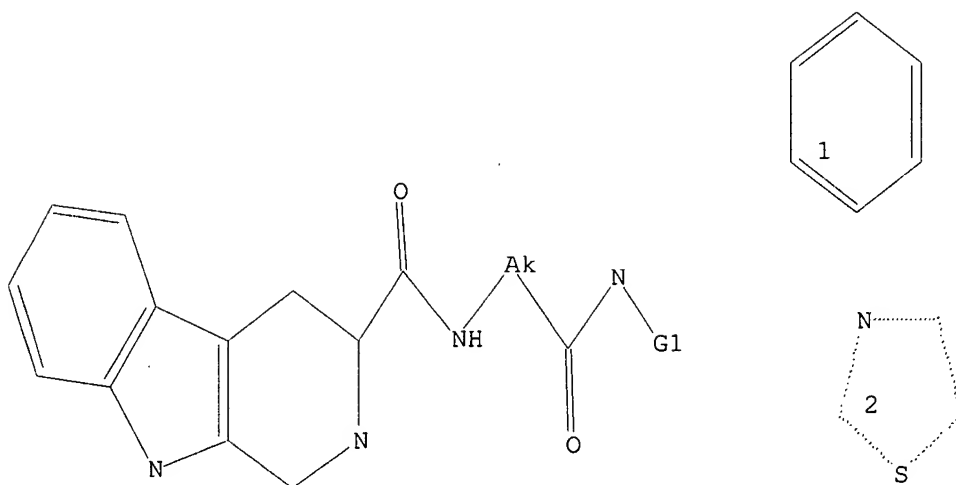
```

L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR

```



G1 OH,[@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 09:57:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 199 TO ITERATE

100.0% PROCESSED 199 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3134 TO 4826
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

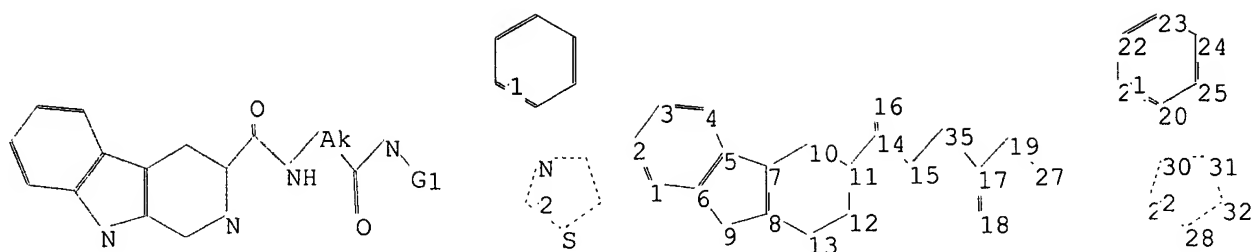
FULL SEARCH INITIATED 09:57:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4028 TO ITERATE

100.0% PROCESSED 4028 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10682496\2AOM\c2.str



```

chain nodes :
14 15 16 17 18 19 27 35
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 20 21 22 23 24 25 28 29 30 31
32
chain bonds :
11-14 14-15 14-16 15-35 17-19 17-18 17-35 19-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13
20-21 20-25 21-22 22-23 23-24 24-25 28-29 28-32 29-30 30-31 31-32
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13 14-15 14-16 15-35 17-19
17-18 17-35 19-27 28-29 28-32 29-30 30-31 31-32
exact bonds :
11-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25

```

G1:OH, [*1], [*2]

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 27:CLASS 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 35:CLASS

```

L4 STRUCTURE UPLOADED

```

=> s 14 full
FULL SEARCH INITIATED 09:58:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4028 TO ITERATE

```

```

100.0% PROCESSED 4028 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.02

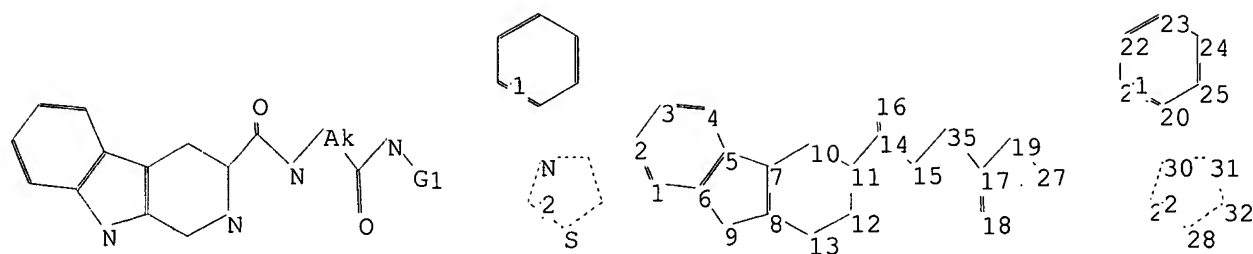
```

L5 0 SEA SSS FUL L4

```

=>
Uploading C:\Program Files\Stnexp\Queries\10682496\2AOM\c3.str

```



```

chain nodes :
14 15 16 17 18 19 27 35
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 20 21 22 23 24 25 28 29 30 31
32
chain bonds :
11-14 14-15 14-16 15-35 17-19 17-18 17-35 19-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13
20-21 20-25 21-22 22-23 23-24 24-25 28-29 28-32 29-30 30-31 31-32
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13 14-15 14-16 15-35 17-19
17-18 17-35 19-27 28-29 28-32 29-30 30-31 31-32
exact bonds :
11-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25

```

G1:OH, [*1], [*2]

```

Connectivity :
35:2 M minimum RC ring/chain
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 27:CLASS 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 35:CLASS

```

L6 STRUCTURE UPLOADED

=> s 16

SAMPLE SEARCH INITIATED 09:59:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 199 TO ITERATE

100.0% PROCESSED 199 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

Andrew Freistein 10/682,496

PROJECTED ITERATIONS: 3134 TO 4826
PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

=> s l6 full
FULL SEARCH INITIATED 09:59:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4028 TO ITERATE

100.0% PROCESSED 4028 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L8 0 SEA SSS FUL L6

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	501.70	501.91

STN INTERNATIONAL LOGOFF AT 10:00:10 ON 21 MAR 2006